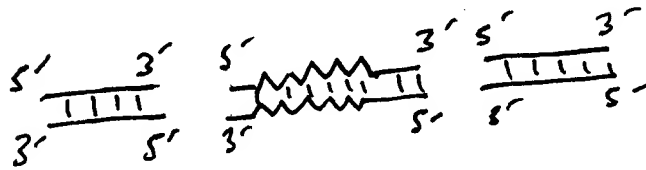
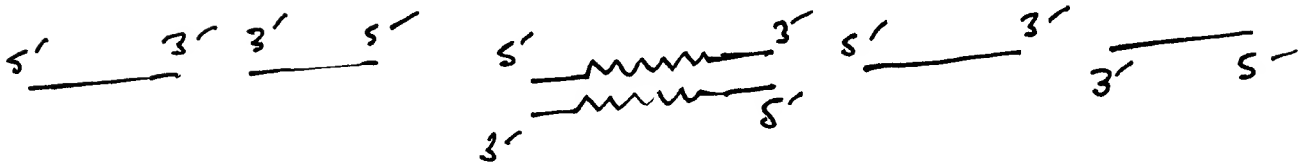


Fig. 1



denature / reanneal
in phosphate buffer



hydroxyapatite
HPLC column
load DNA in 10mM PO_4
elute in a gradient of
10mM to 1M PO_4

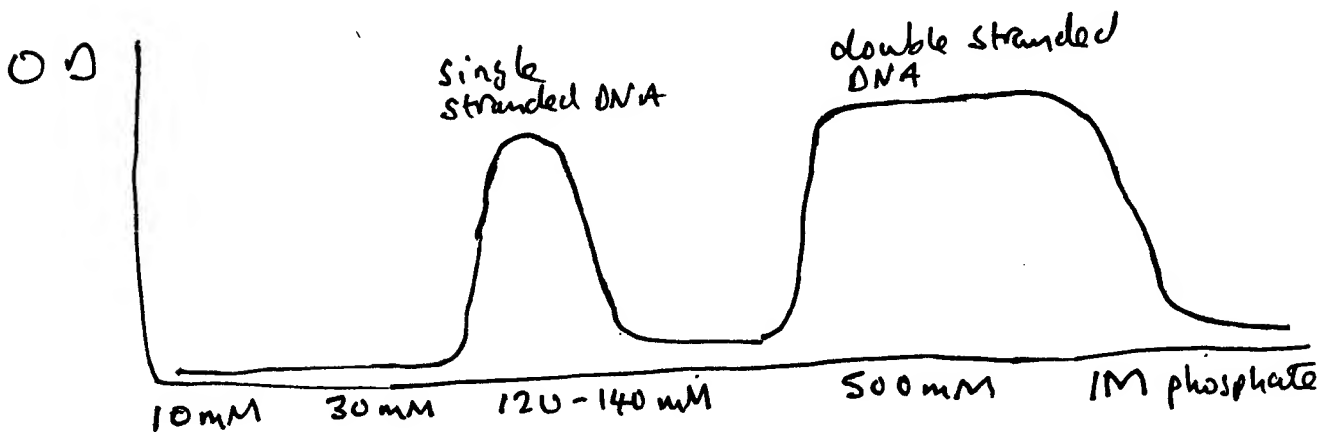


Fig. 2.

Driver

Genomic DNA clones

BACs

YACs

PACs

↓ digest with restriction enzyme
↓ ligate linkers

300 bp fragments with linkers

↓ PCR amplify with a biotin-dNTP

~ b ~ b ~ b

Tester

RNA

↓

cDNA

↓ digest with restriction enzyme
↓ ligate linkers

300 bp fragments with linkers

↓ PCR amplify

— —
— —

↓ denature
reanneal

== b

↓ magnetic bead coated with streptavidin

○ SA - b — —

— — enriched cDNA

wash, elute by raising temp. & lowering salt.